

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|---------|------------------|
| L1 | 83 | "381"/\$.cls. and (bone near10 conduct\$3 near10 (headset headphone\$1)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/12/06 10:49 |
| L2 | 14 | (("6298249") or ("5163093") or ("5125032") or ("5054079") or ("4969534") or ("5889730") or ("4972491") or ("6209144") or ("6198394") or ("5990793") or ("5404577") or ("5323468") or ("6298249") or ("3787641") or ("5790681")).PN. | USPAT; USOCR | OR | OFF | 2010/12/06 10:57 |
| L3 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and cable | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/12/06 11:07 |
| S1 | 515 | (381/74).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/05/07 10:48 |
| S2 | 2 | miranda.in. and helmet and (\$speaker near10 microphone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/05/07 10:49 |
| S3 | 1 | innotech.AS. and helmet and (\$speaker near10 microphone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2009/05/07 10:49 |

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| S4 | 16 | helmet near10 \$speaker near10 microphone near10 head | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO | OR | OFF | 2009/05/07 10:50 |
| S5 | 828 | (381/151,381).CCLS. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO | OR | OFF | 2009/05/07 14:58 |
| S6 | 1 | ("6298249").PN. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO | OR | OFF | 2009/05/07 15:39 |
| S7 | 0 | S6 and waterproof | US-PGPUB; USPAT | OR | OFF | 2009/05/07 16:19 |
| S8 | 0 | helmet near20 (enclosure housing) near10 waterproof near10 microphone\$1 near10 \$4speaker\$1 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO | OR | OFF | 2009/05/07 16:58 |
| S9 | 7 | (enclosure housing) near10 waterproof near10 microphone\$1 near10 \$4speaker\$1 | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO | OR | OFF | 2009/05/07 16:58 |
| S10 | 361 | (381/384,376).CCLS. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO | OR | OFF | 2009/05/07 17:15 |
| S11 | 430 | (455/575.2).CCLS. | US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO | OR | OFF | 2009/05/07 17:24 |

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| S12 | 14 | ((("6298249") or ("5163093") or ("5125032") or ("5054079") or ("4969534") or ("5889730") or ("4972491") or ("6209144") or ("6198394") or ("5990793") or ("5404577") or ("5323468") or ("6298249") or ("3787641") or ("5790681")).PN. | USPAT; USOCR | OR | OFF | 2009/05/08 18:01 |
| S13 | 1303 | (381/74,72,370).OCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/16 16:06 |
| S14 | 15 | (bone near10 (headphone\$1 headgear helmet headset)) near10 \$speaker near10 microphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 09:40 |
| S15 | 1 | (headphone\$1 headgear helmet headset) near10 \$speaker near10 microphone near20 (firem\$2 firefighter\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 09:43 |
| S16 | 0 | miranda.in. and helmet and (\$speaker near10 microphone) and region | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 10:14 |
| S17 | 0 | miranda.in. and helmet and (\$speaker near10 microphone) and (couple near5 vibration \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 10:14 |
| S18 | 0 | miranda.in. and helmet and (\$speaker near10 microphone) and (bone \$1 near20 air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 10:15 |

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| S19 | 0 | miranda.in. and helmet and (\$speaker near10 microphone) and (air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 10:16 |
| S20 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and (strap) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 10:17 |
| S21 | 31 | "381"/\$.cols. and (helmet headgear headphone\$1 headset) and ((\$speaker transducer) near10 diaphragm near10 (cover grill\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 14:12 |
| S22 | 1 | "381"/\$.cols. and (helmet headgear headphone\$1 headset) near20 ((\$speaker transducer) near10 diaphragm near10 (cover grill\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 14:19 |
| S23 | 124 | "381"/\$.cols. and (\$speaker transducer) near5 diaphragm near5 (cover grill\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/17 14:37 |
| S24 | 14 | ((("6298249") or ("5163093") or ("5125032") or ("5054079") or ("4969534") or ("5889730") or ("4972491") or ("6209144") or ("6198394") or ("5990793") or ("5404577") or ("5323468") or ("6298249") or ("3787641") or ("5790681")).PN. | USPAT; USOCR | OR | OFF | 2010/11/18 09:20 |
| S25 | 2 | S24 and diaphragm | USPAT | OR | OFF | 2010/11/18 09:20 |

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| S26 | 0 | "381"/\$.cls. and ((\$speaker transducer) near5 diaphragm near5 (cover grill\$2)) and (waterproof near5 sealant) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 09:53 |
| S27 | 1 | "381"/\$.cls. and ((\$speaker transducer) near5 diaphragm) and (waterproof near5 sealant) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 10:04 |
| S28 | 7 | "381"/\$.cls. and ((\$speaker transducer) near5 diaphragm near5 (cover grill\$2)) and (waterproof) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 10:04 |
| S29 | 124 | "381"/\$.cls. and (\$speaker transducer) near5 diaphragm near5 (cover grill\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 10:19 |
| S30 | 43 | S29 and resin | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 10:19 |
| S31 | 0 | "381"/\$.cls. and (\$speaker transducer) near20 diaphragm near20 (port) near20 waterproof | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 10:27 |
| S32 | 159 | "381"/\$.cls. and (\$speaker transducer) near20 diaphragm near20 (port) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 10:27 |
| S33 | 87 | "381"/\$.cls. and ((\$speaker transducer) near20 diaphragm near20 port) and (waterproof seal\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 10:28 |
| S34 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and (strap) and transparent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/18 11:21 |

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| S35 | 5 | "381"/\$.cols. and (\$speaker transducer) and (waterproof near10 grill\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 10:26 |
| S36 | 0 | "181"/\$.cols. and (\$speaker transducer) and (waterproof near10 grill\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 10:27 |
| S37 | 17 | "381"/\$.cols. and (\$speaker transducer) and (water near10 grill \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 10:28 |
| S38 | 46 | "381"/\$.cols. and (\$speaker transducer) near20 (port opening) near10 water\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 10:43 |
| S39 | 14 | (("6298249") or ("5163093") or ("5125032") or ("5054079") or ("4969534") or ("5889730") or ("4972491") or ("6209144") or ("6198394") or ("5990793") or ("5404577") or ("5323468") or ("6298249") or ("3787641") or ("5790681")).PN. | USPAT; USOCR | OR | OFF | 2010/11/19 10:58 |
| S40 | 11 | S39 and (port\$1 opening \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 10:58 |
| S41 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and cable | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 11:33 |

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| S42 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and cable and microphone | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 11:39 |
| S43 | 13 | "381"/\$.cls. and (\$speaker transducer) and (seal\$3 near5 (cable wire) near5 (housing enclosure) | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 12:39 |
| S44 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and (seal \$3 near 10 cable) | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/19 14:10 |
| S45 | 3 | "381"/\$.cls. and helmet and (\$speaker near10 microphone) and (seal\$3 near10 cable) | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/22 14:33 |
| S46 | 10 | "381"/\$.cls. and (seal \$3 near10 strain near10 relief) | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/22 14:58 |
| S47 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and bone | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/22 15:11 |
| S48 | 83 | "381"/\$.cls. and (bone near10 conduct\$3 near10 (headset headphone\$1)) | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/22 15:15 |
| S49 | 1 | "381"/\$.cls. and (bone near10 conduct\$3 near10 (headset headphone\$1)) near20 helmet | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/22 15:22 |
| S50 | 13 | "381"/\$.cls. and (bone near10 conduct\$3 near10 (headset headphone\$1)) and helmet | US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/22 15:23 |

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| S51 | 1 | miranda.in. and helmet and (\$speaker near10 microphone) and bone and (acoustic near5 isolat\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2010/11/22 16:01 |
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EAST Search History (Interference)

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